

FIG. 1A

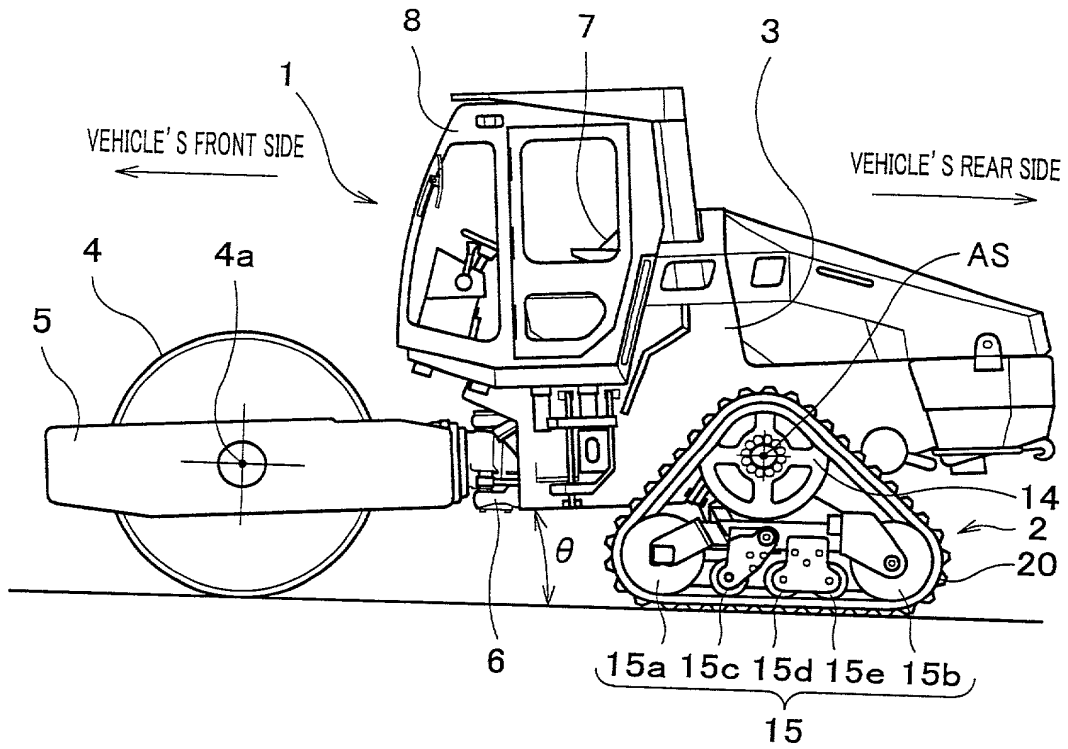


FIG. 1B

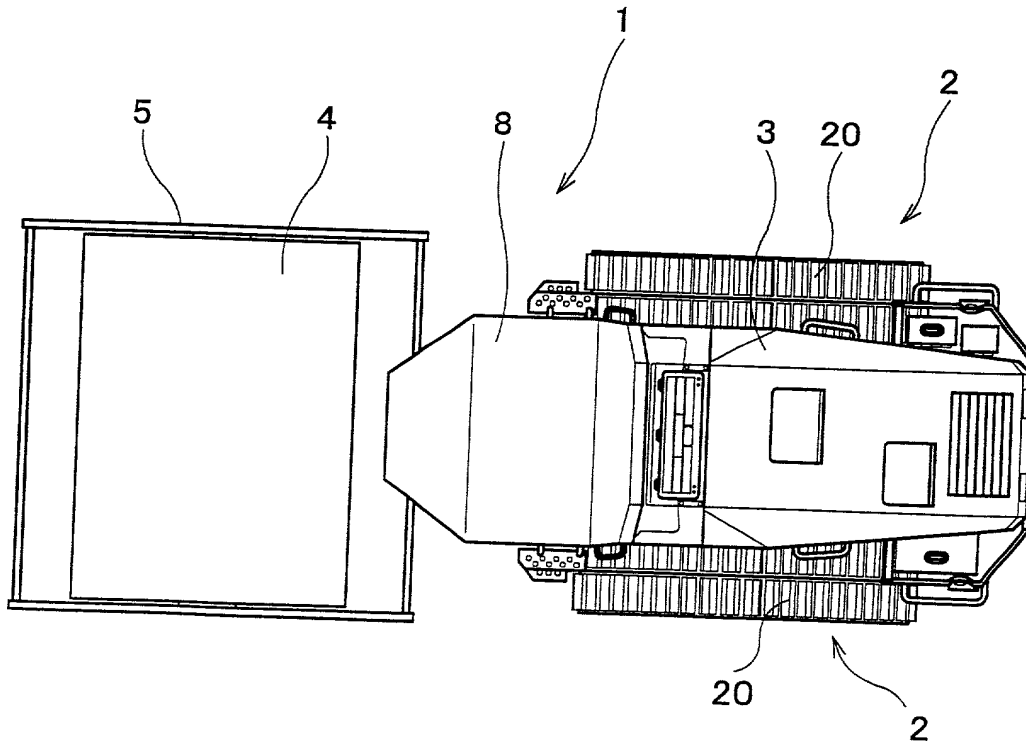


FIG.2

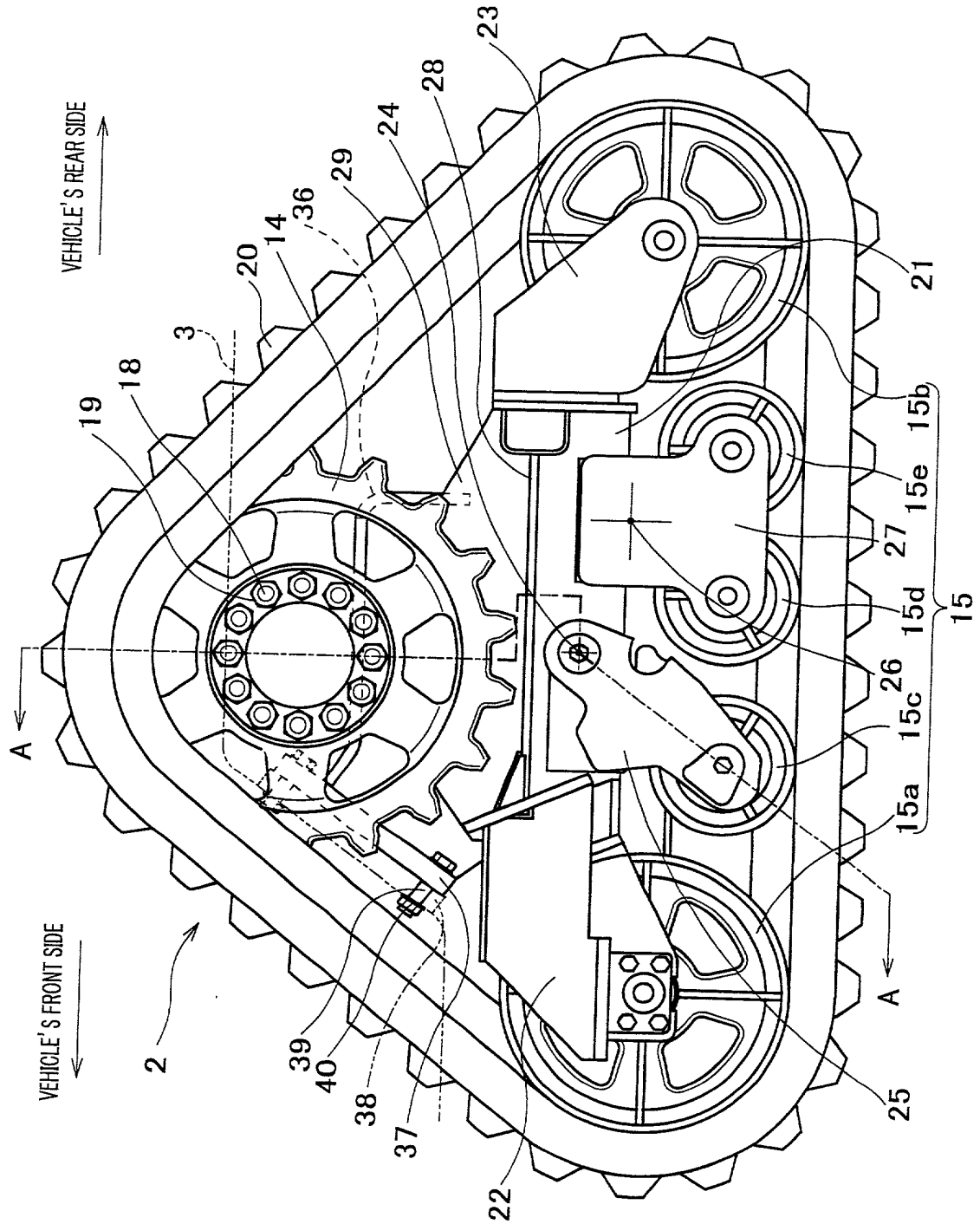


FIG. 4

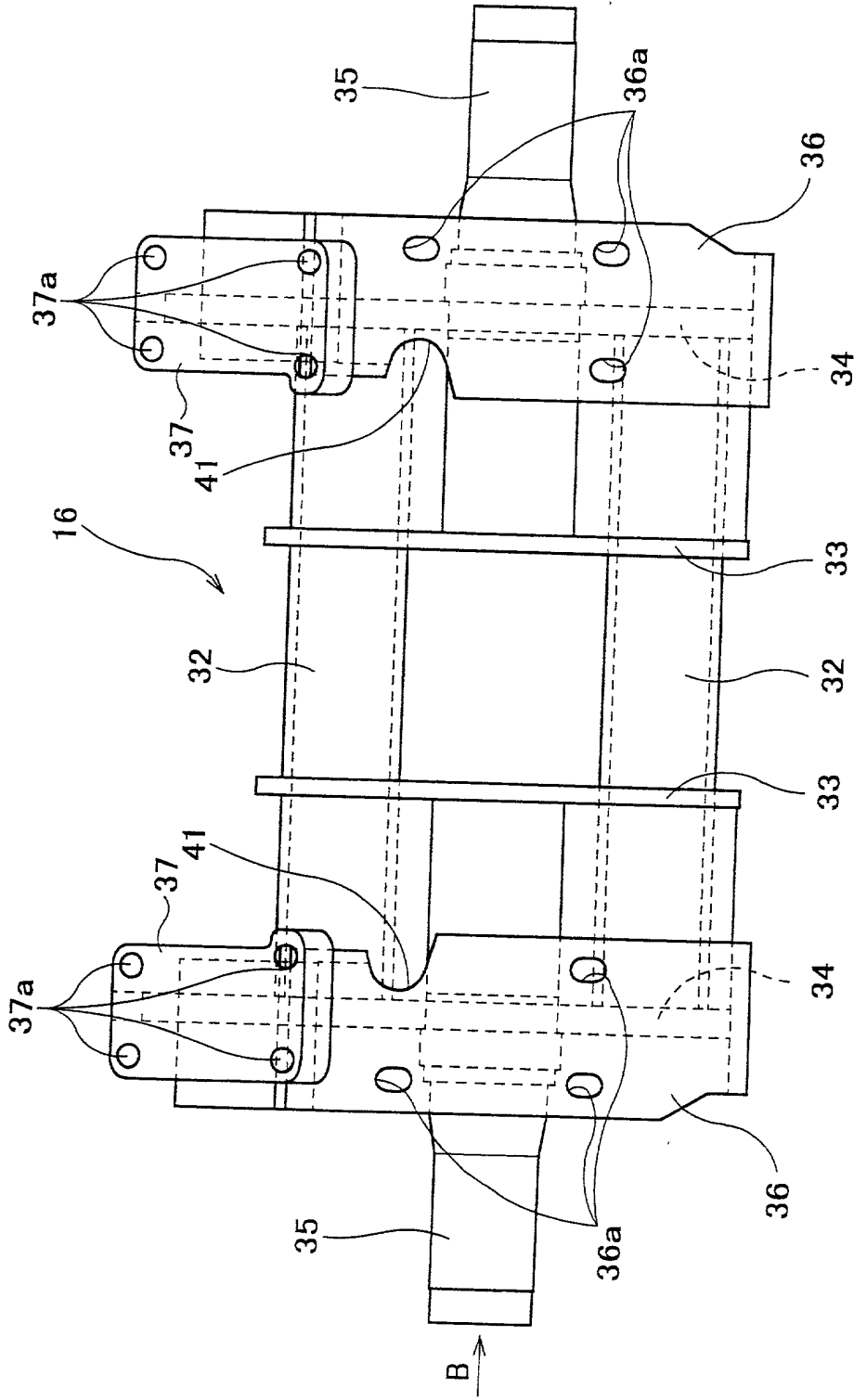
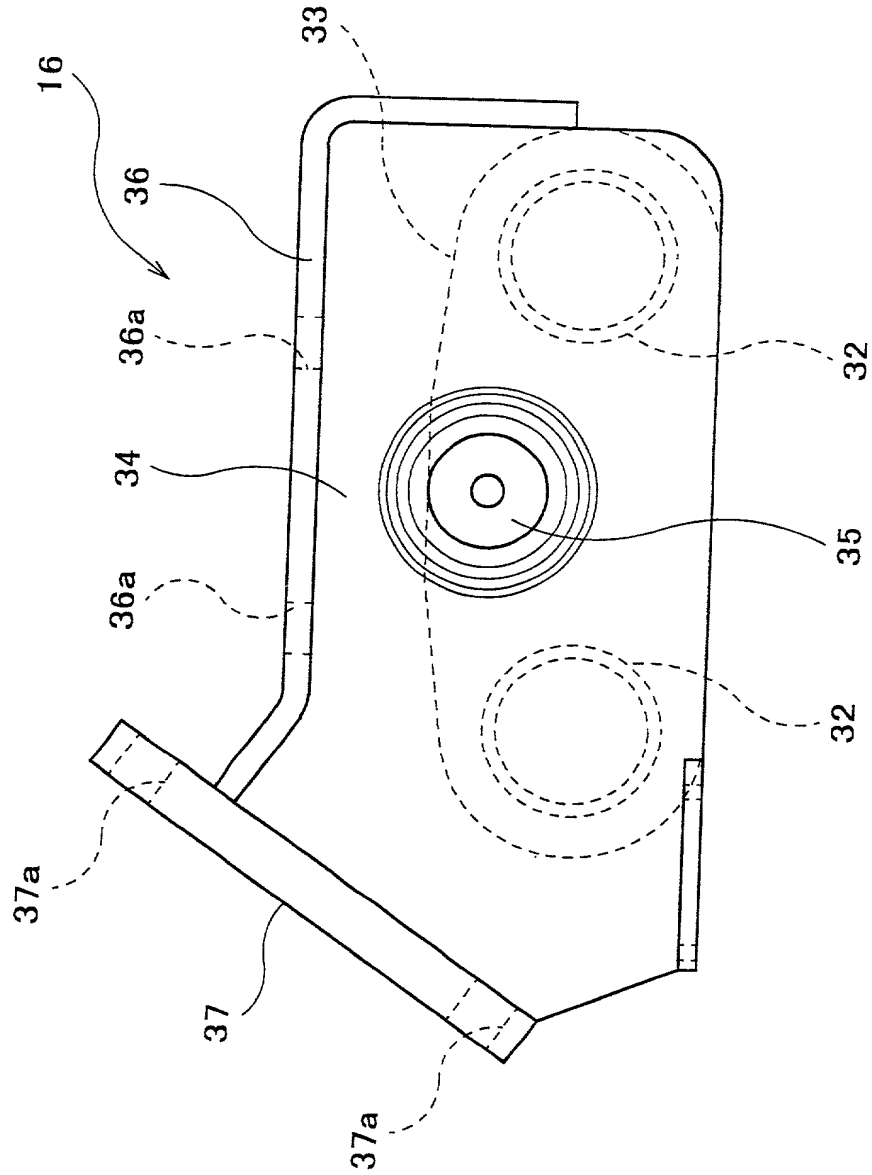


FIG.5



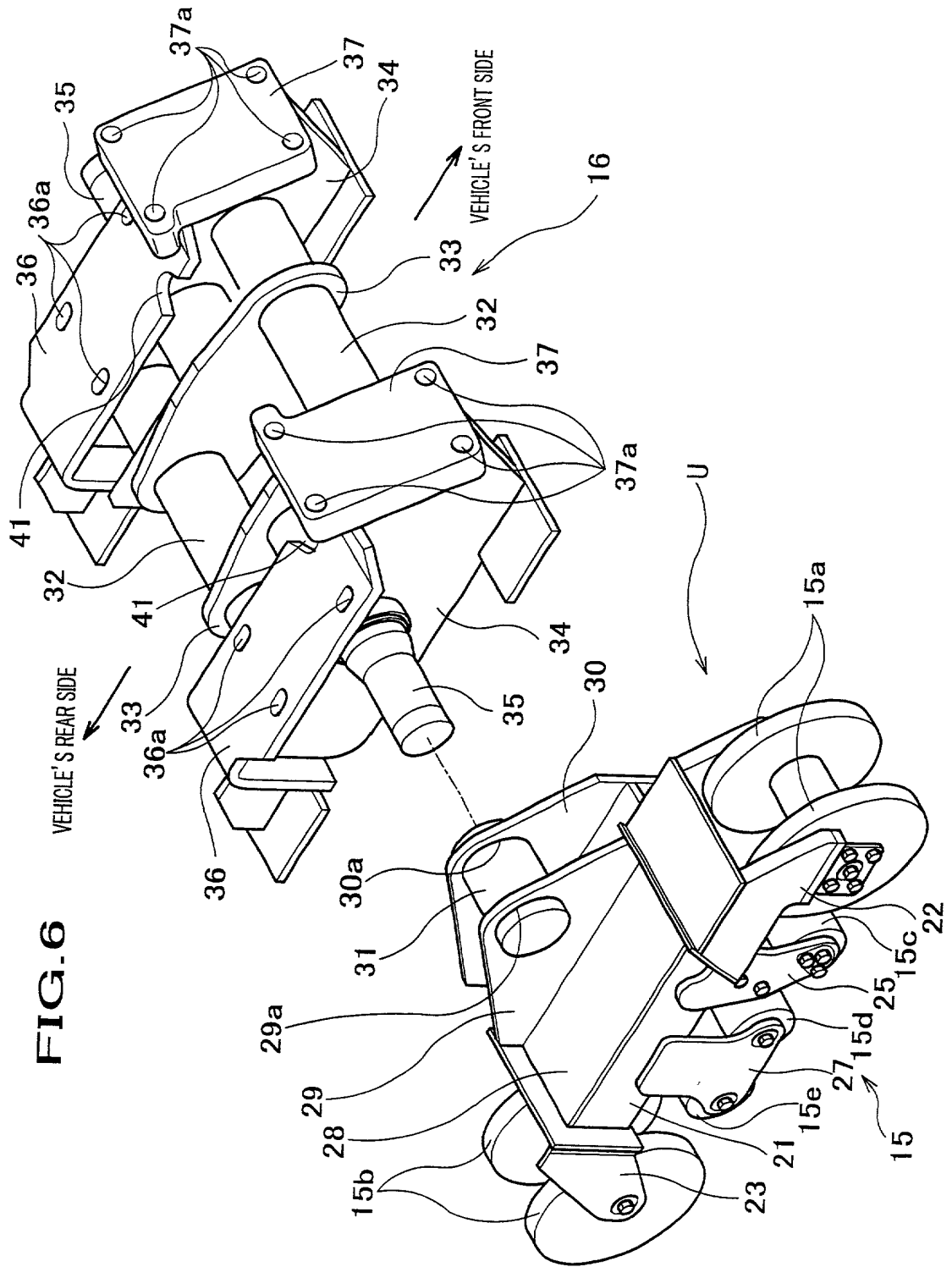


FIG. 6

FIG.7

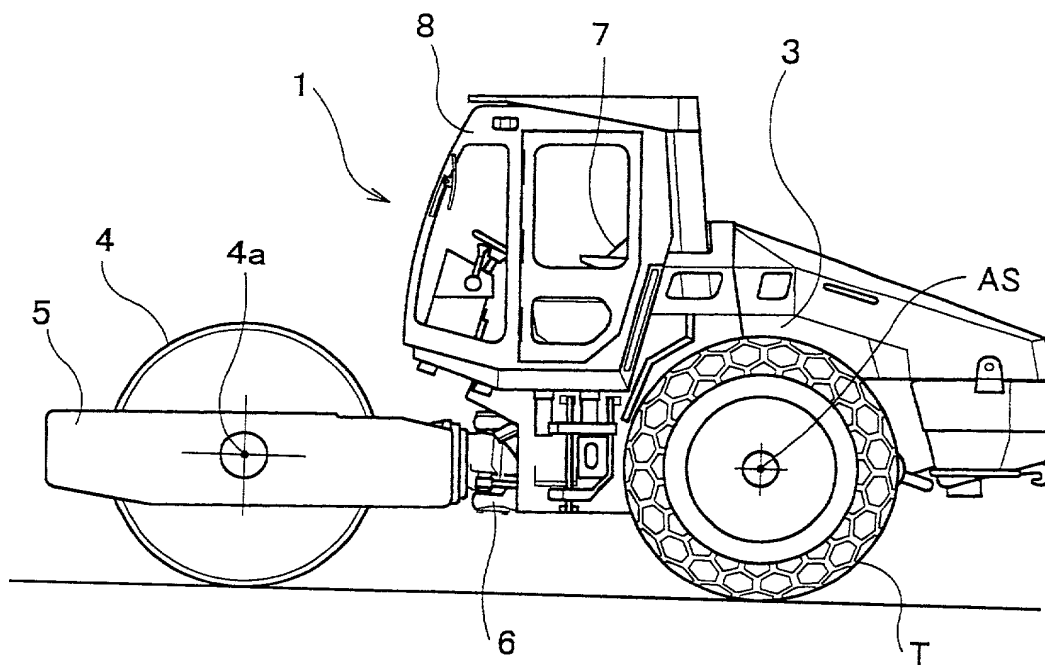


FIG.8

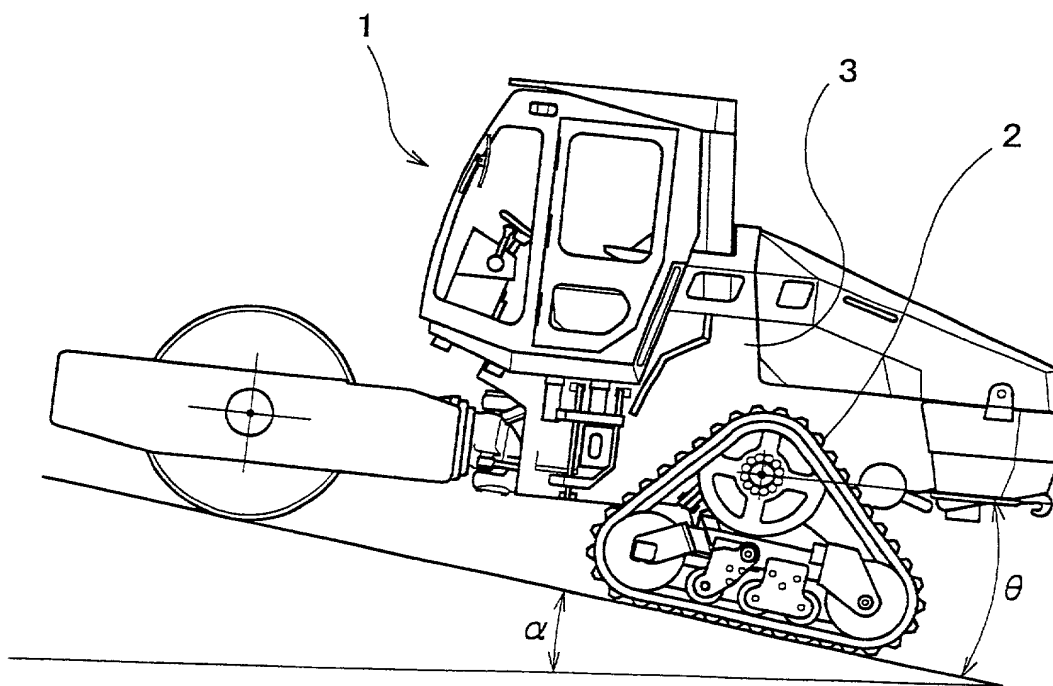


FIG.9A

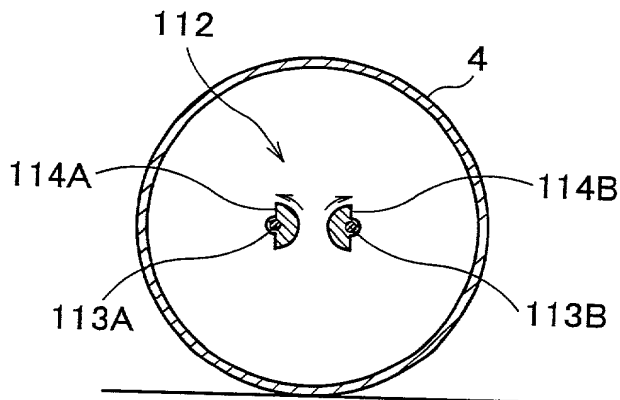


FIG.9B

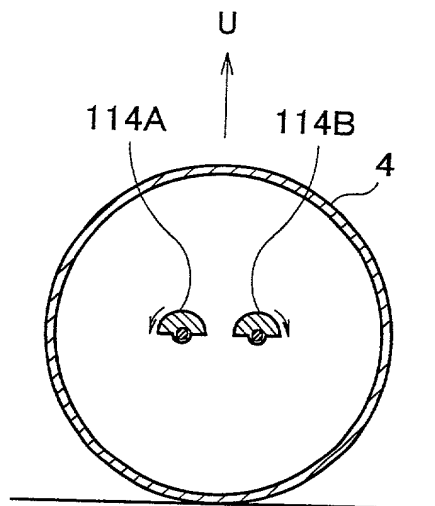


FIG.9C

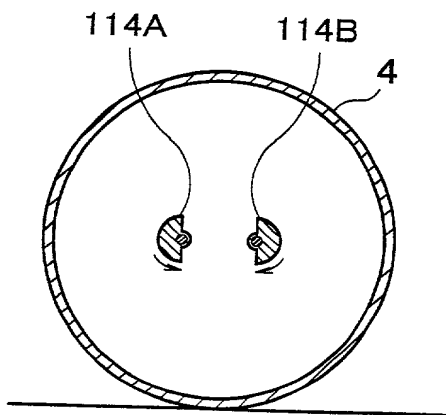


FIG.9D

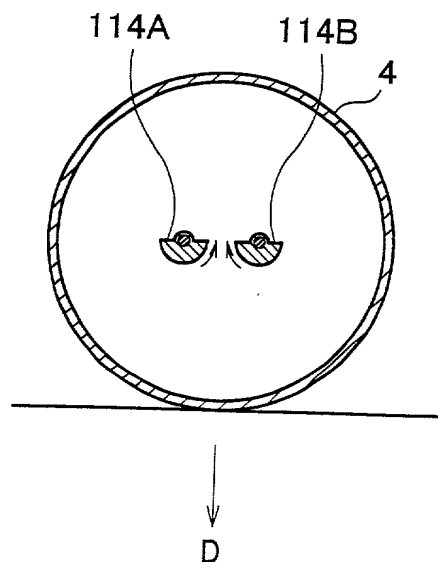


FIG. 10

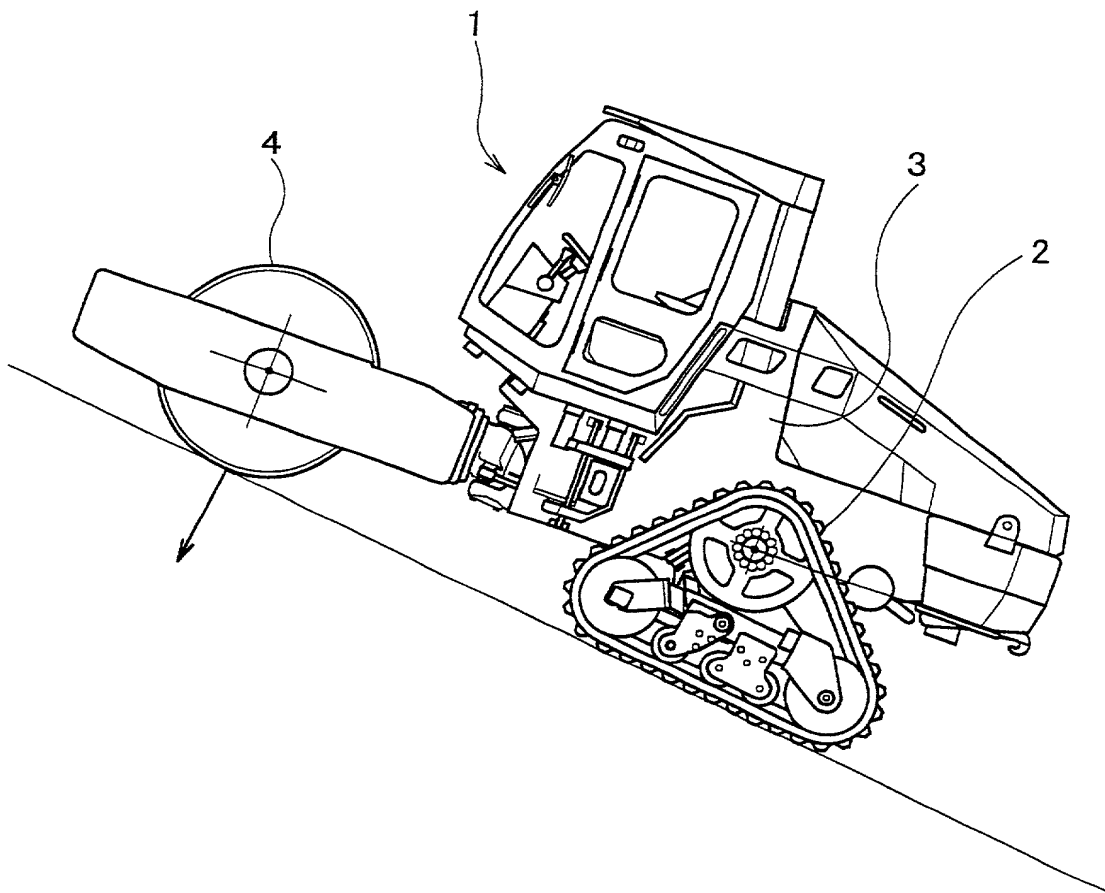


FIG. 11A

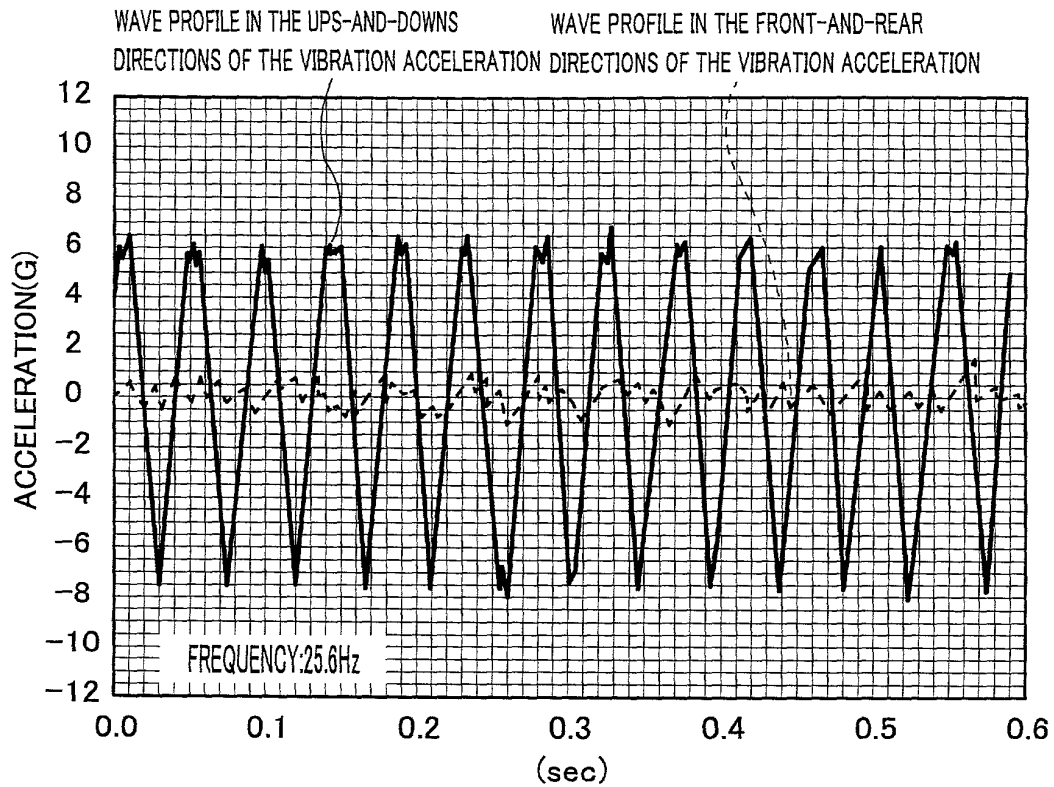
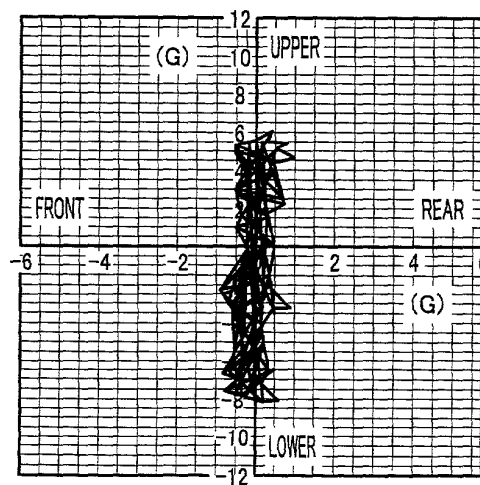


FIG. 11B



WAVE COMPOSITE OF THE ACCELERATION OF THE ROLL(FOR 0.6 SEC)

FIG.12
PRIOR ART

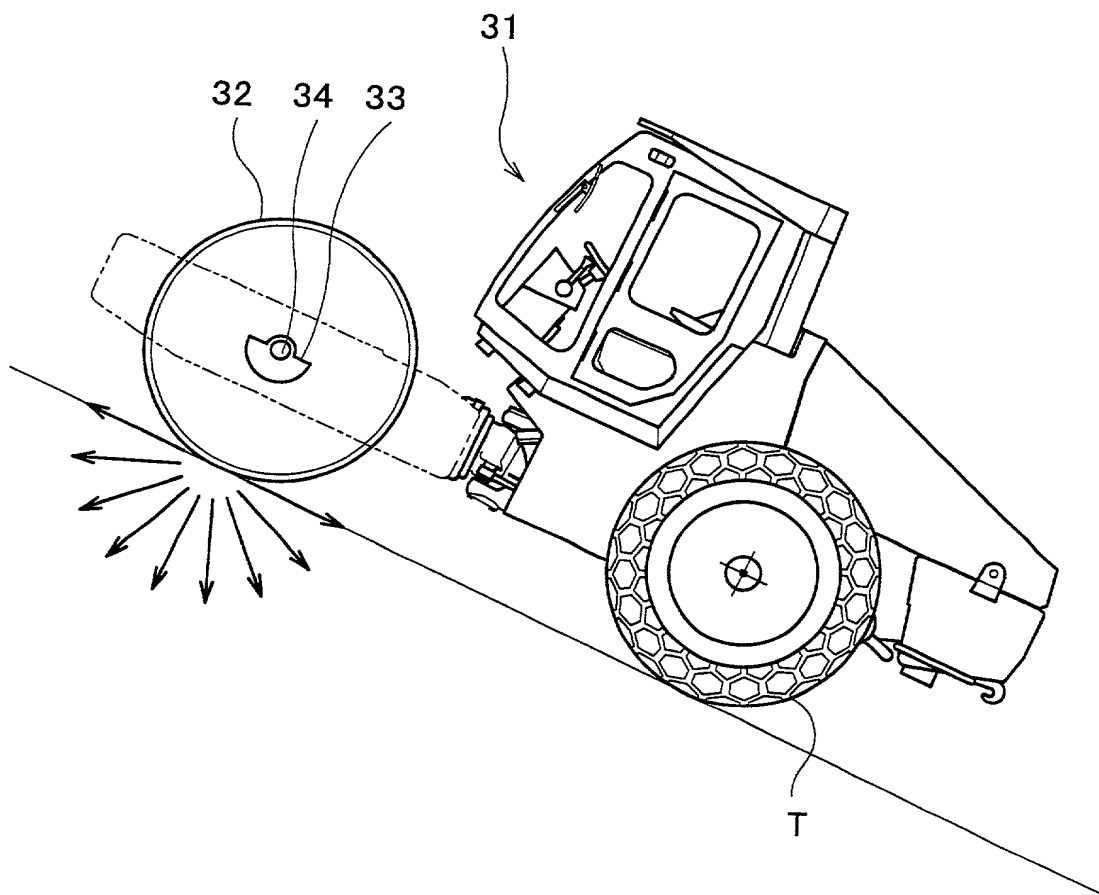


FIG.13A
PRIOR ART

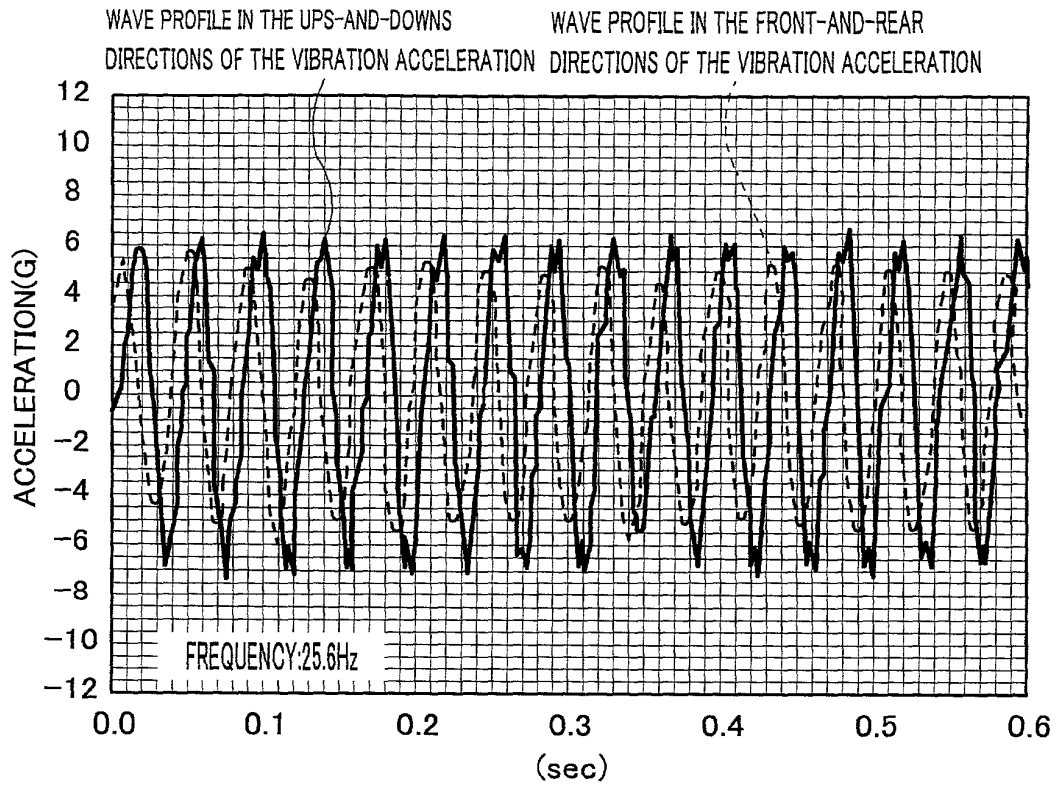
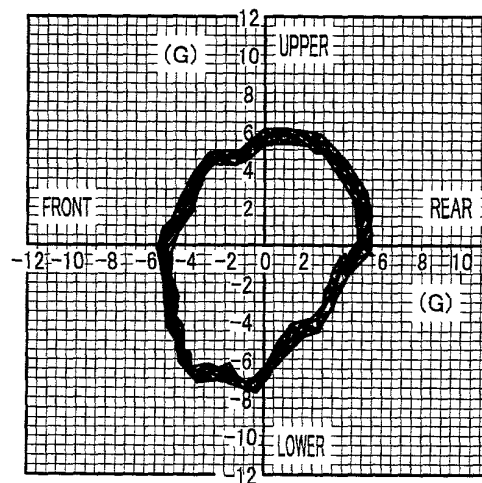


FIG.13B
PRIOR ART



WAVE COMPOSITE OF THE ACCELERATION OF THE ROLL(FOR 0.6 SEC)